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NEW BEDFORD HARBOR
COMMUNITY WORK GROUP PRESENTATION
DECEMBER 1988
PRESENTATION OUTLINE

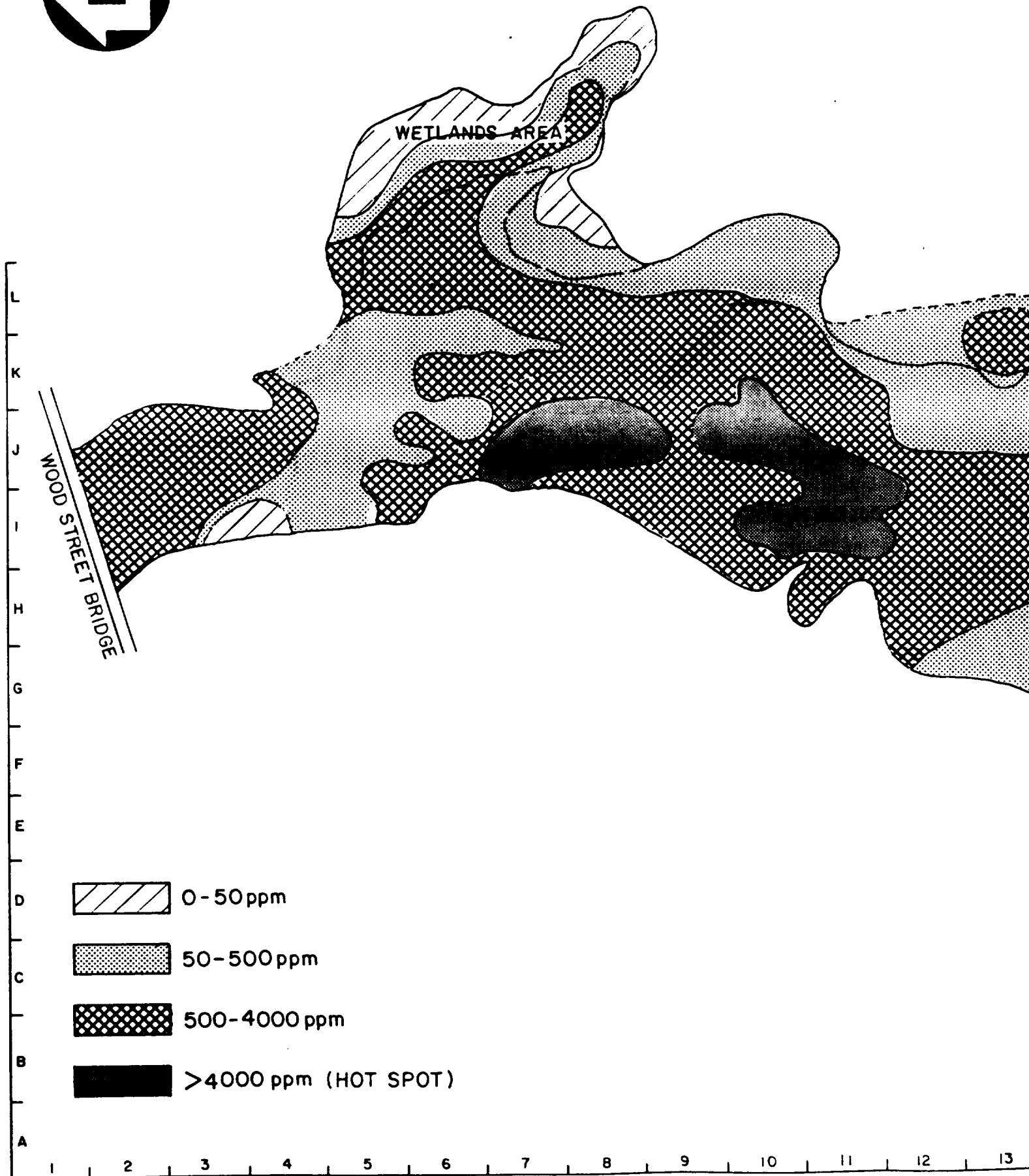
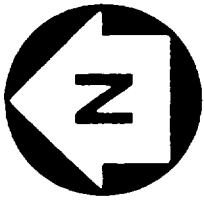
- OVERVIEW OF HOT SPOT AREA
- OVERVIEW OF HOT SPOT FEASIBILITY STUDY
- HIGHLIGHT ENGINEERING AND COSTS FOR HOT SPOT ALTERNATIVES
 - + HS-2 INCINERATION
 - + HS-3 SOLIDIFICATION/DISPOSAL
 - + HS-4 SOLVENT EXTRACTION

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OVERVIEW OF HOT SPOT AREA

- LOCATED IN UPPER PART OF ACUSHNET RIVER ESTUARY
- TWO AREAS IN EXCESS OF 4,000 PPM PCBS
- APPROXIMATELY 10,000 CUBIC YARDS OF CONTAMINATED SEDIMENT

ACUSHNET RIVER ESTUARY



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OVERVIEW OF HOT SPOT FEASIBILITY STUDY

- REMEDIAL TECHNOLOGIES SCREENING - MAY 1987
- DETAILED ANALYSIS OF TECHNOLOGIES - NOVEMBER 1987
- DEVELOPMENT AND SCREENING OF REMEDIAL ALTERNATIVES - MAY 1988
- DETAILED EVALUATION OF ALTERNATIVES
 - + ENGINEERING COMPLETED - OCTOBER 1988
 - + EVALUATION CRITERIA INITIATED - WAITING FOR MODEL RESULTS

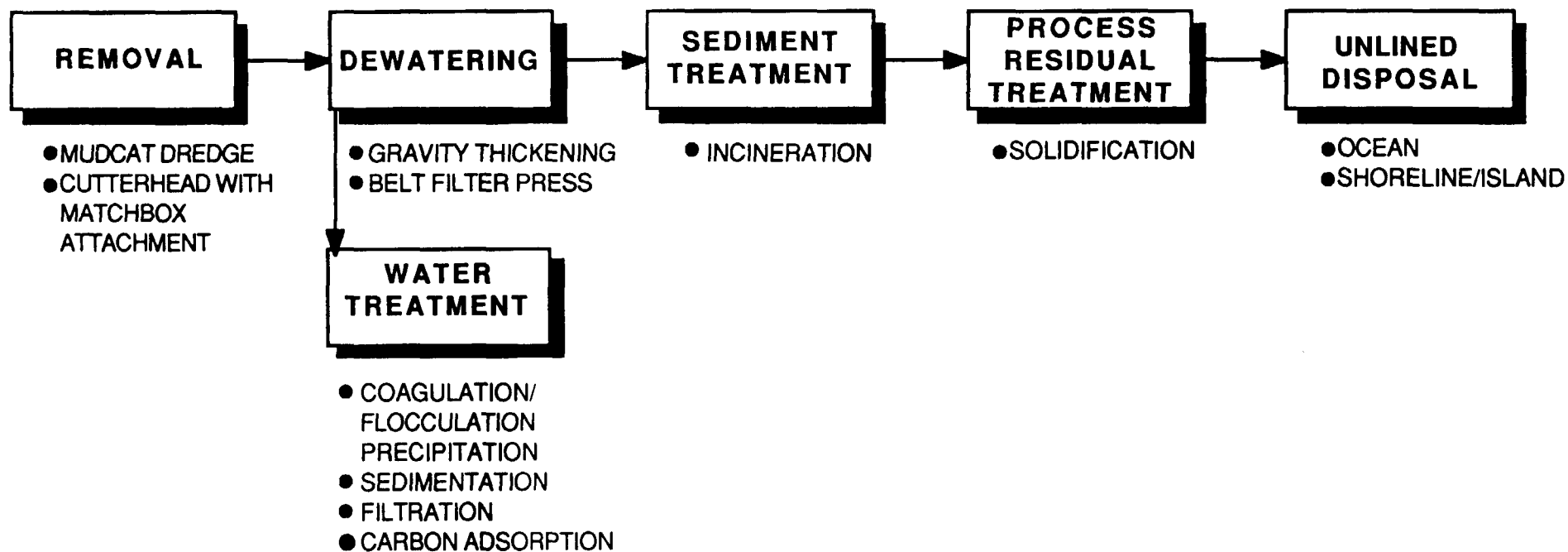
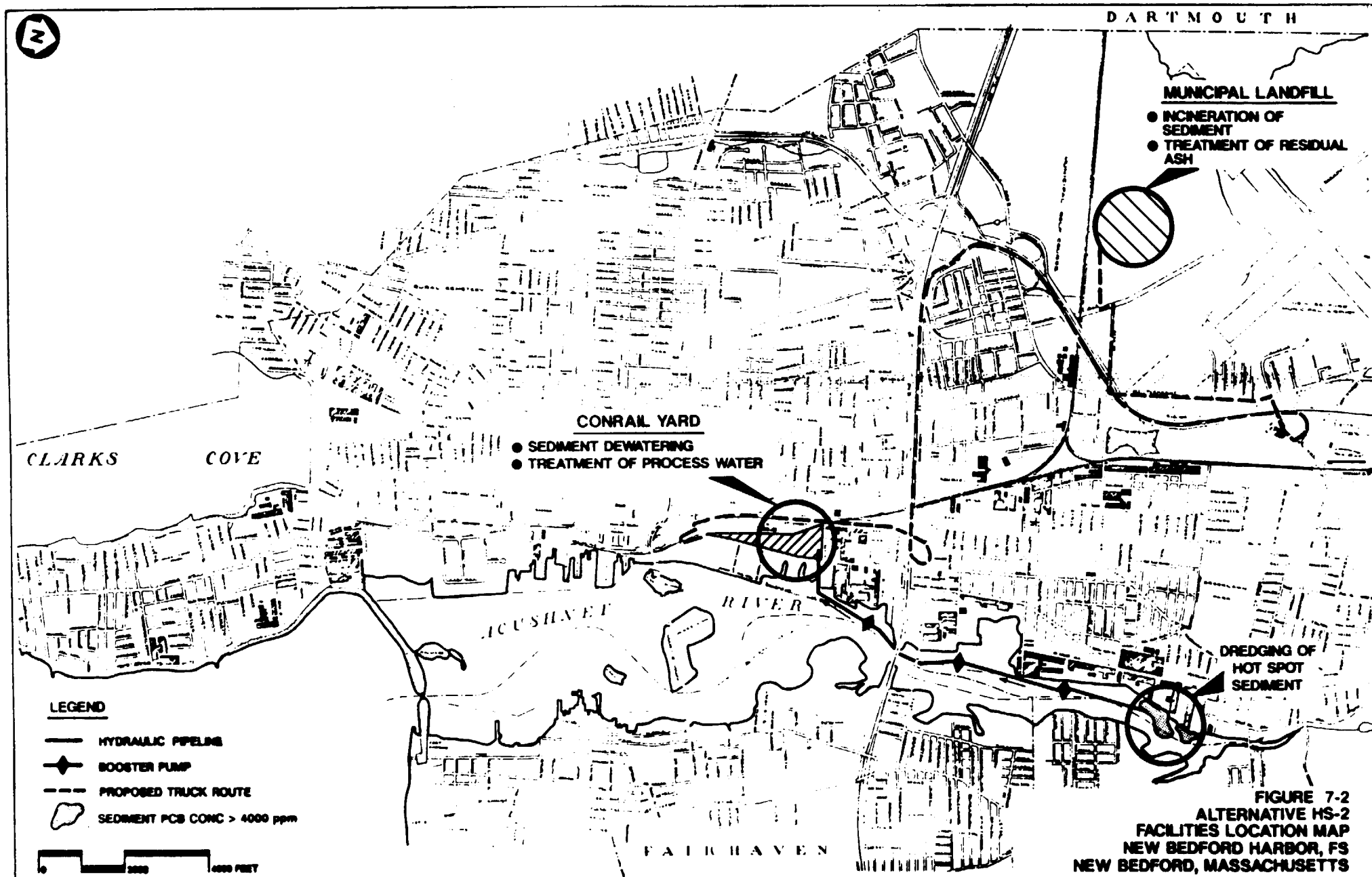


FIGURE 7-1
ALTERNATIVE HS-2
NEW BEDFORD HARBOR FS



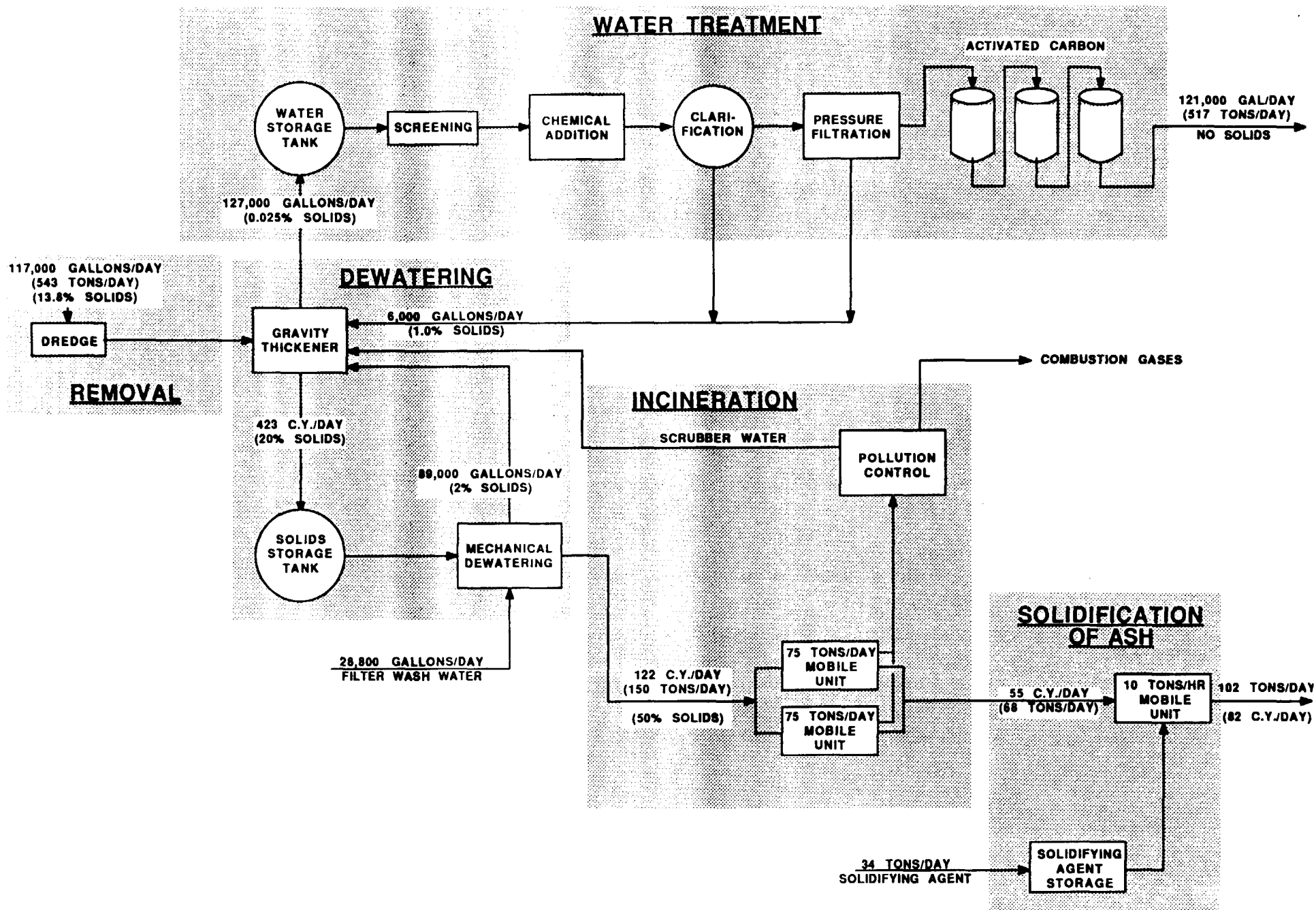
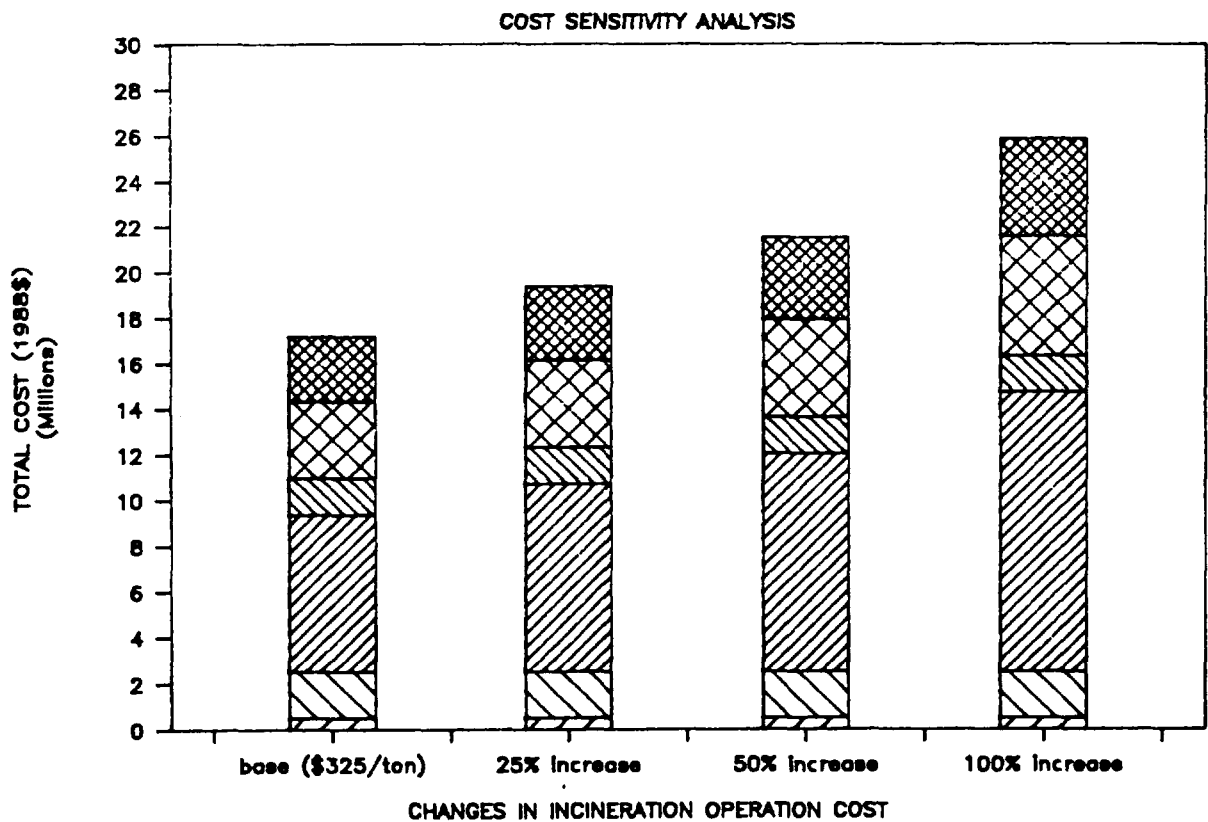
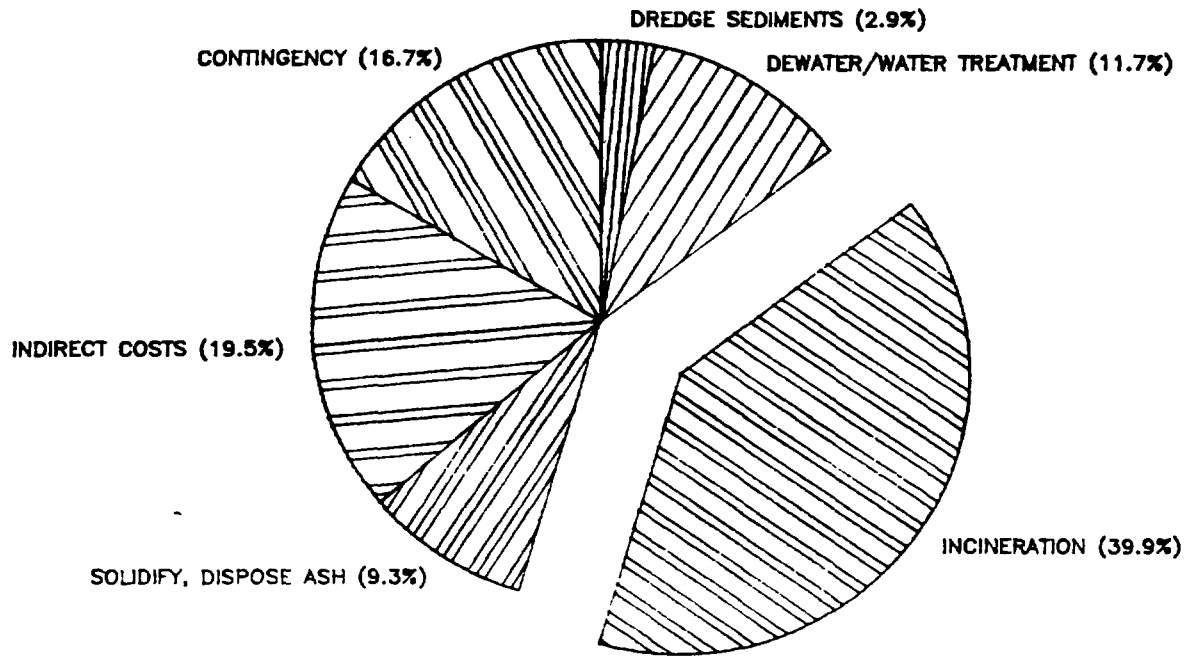


FIGURE 7-3
 ALTERNATIVE HS-2
 PROCESS FLOW DIAGRAM
 NEW BEDFORD HARBOR FS

FIGURE 7-4
ALTERNATIVE HS-2: INCINERATION

TOTAL COST: \$17,198,000



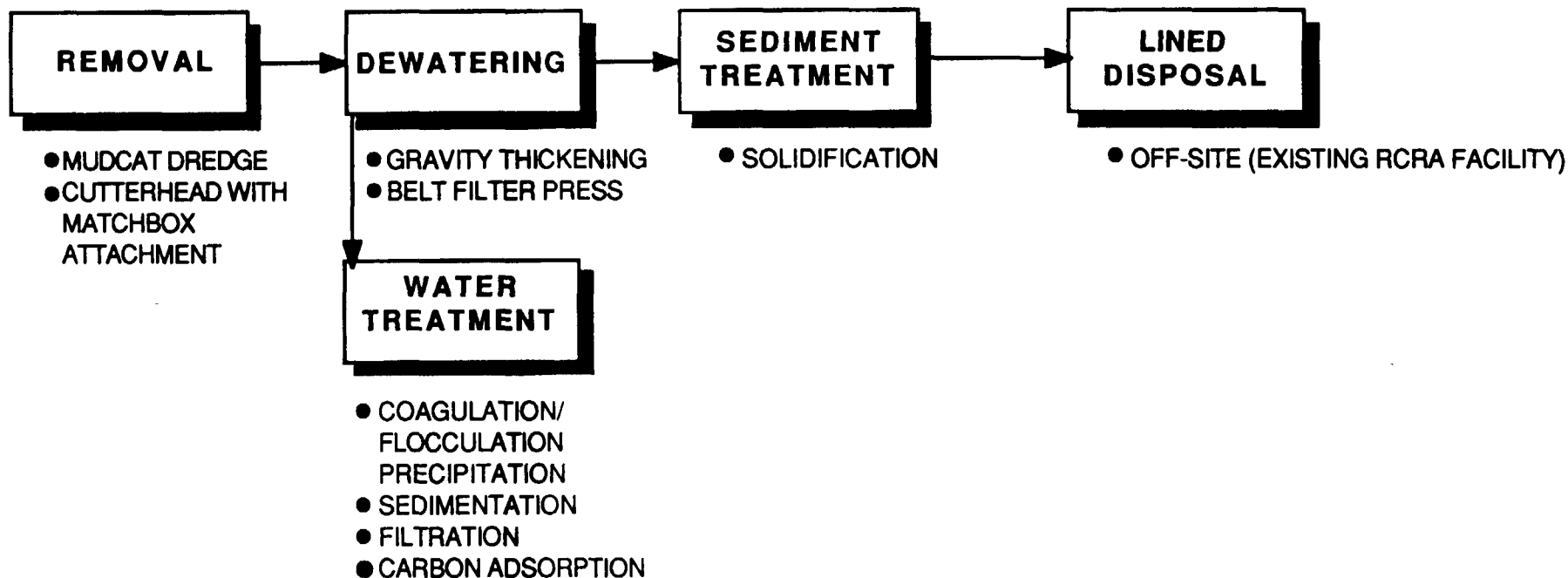
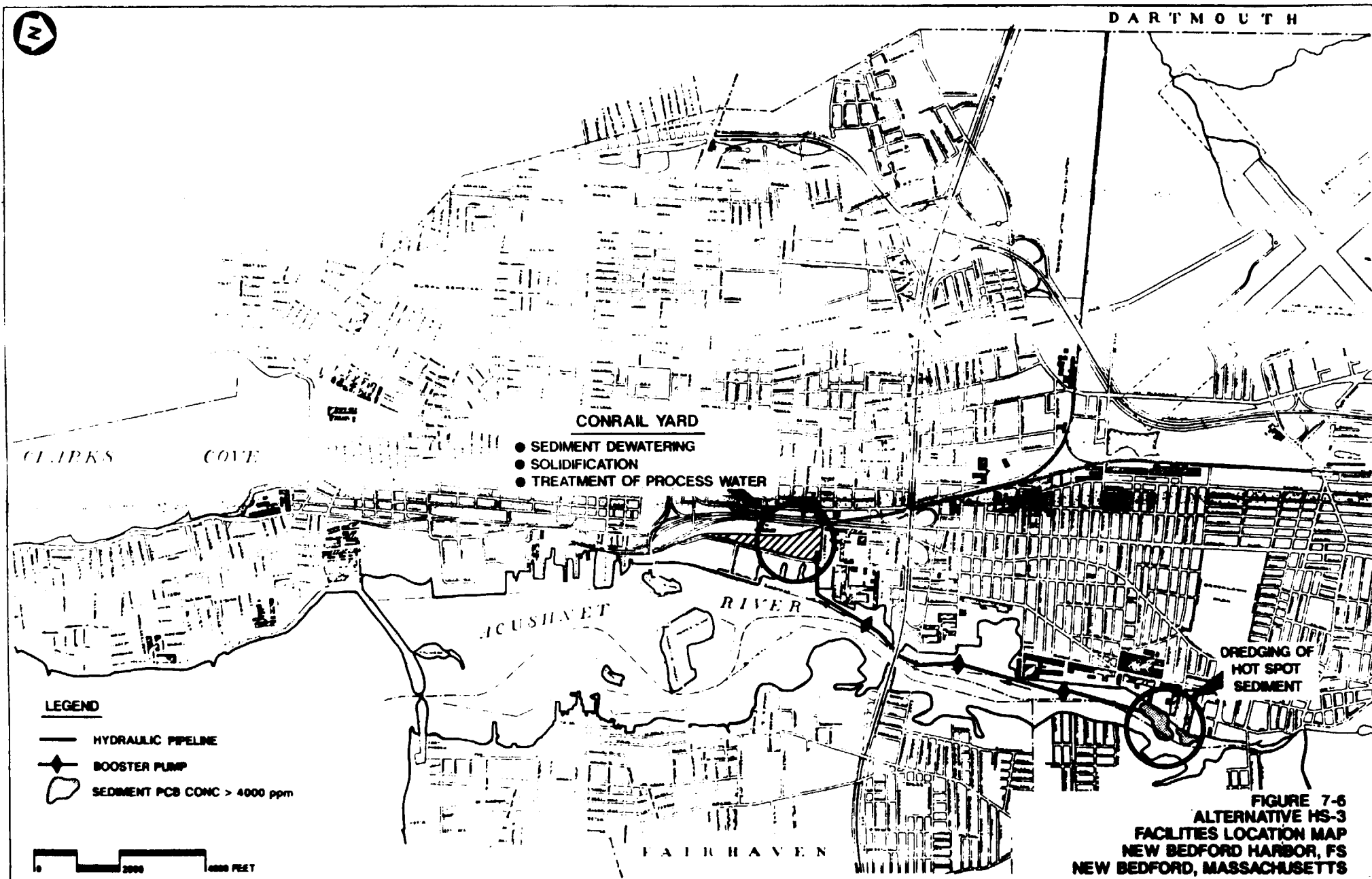


FIGURE 7-5
ALTERNATIVE HS-3
NEW BEDFORD HARBOR FS



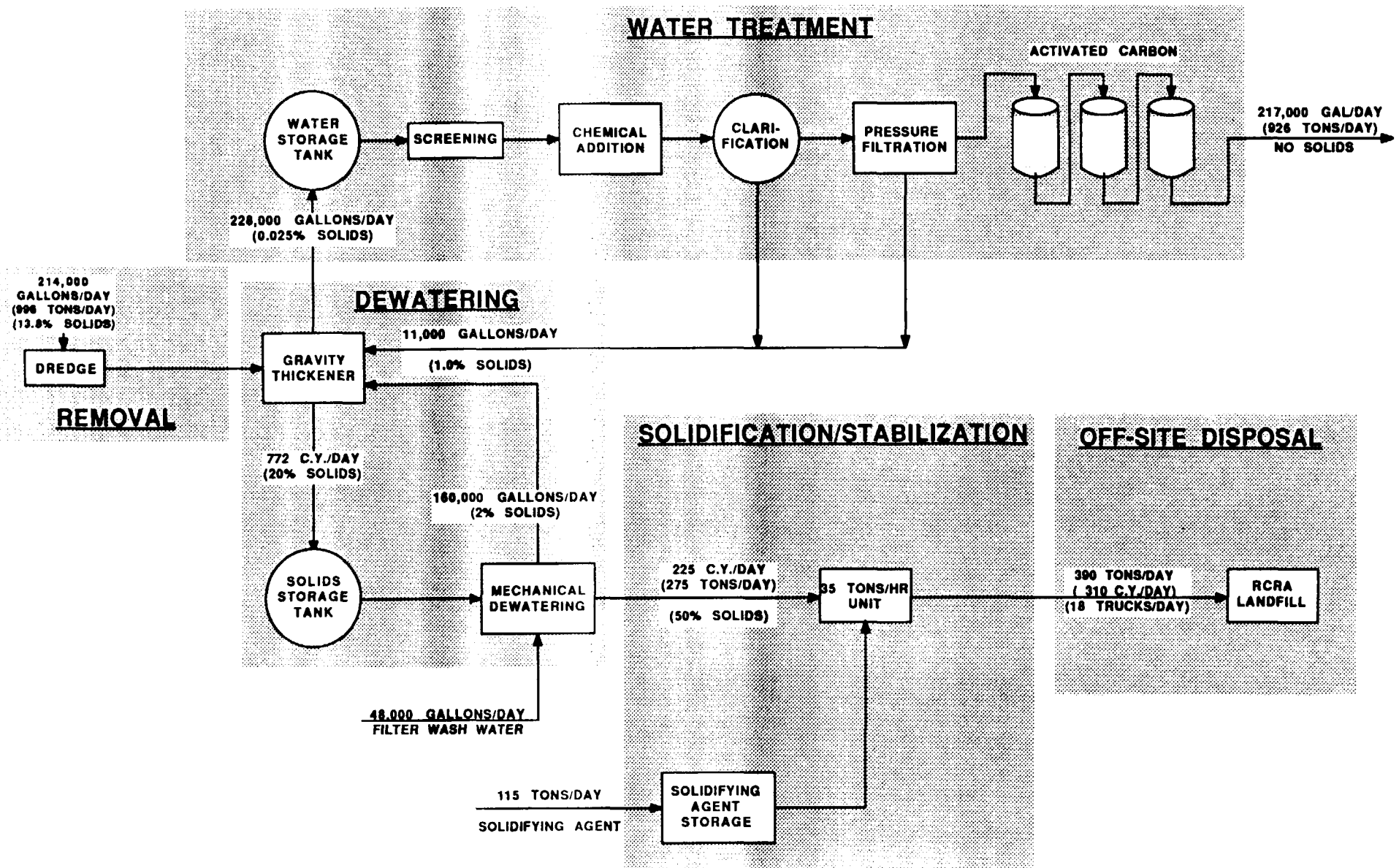
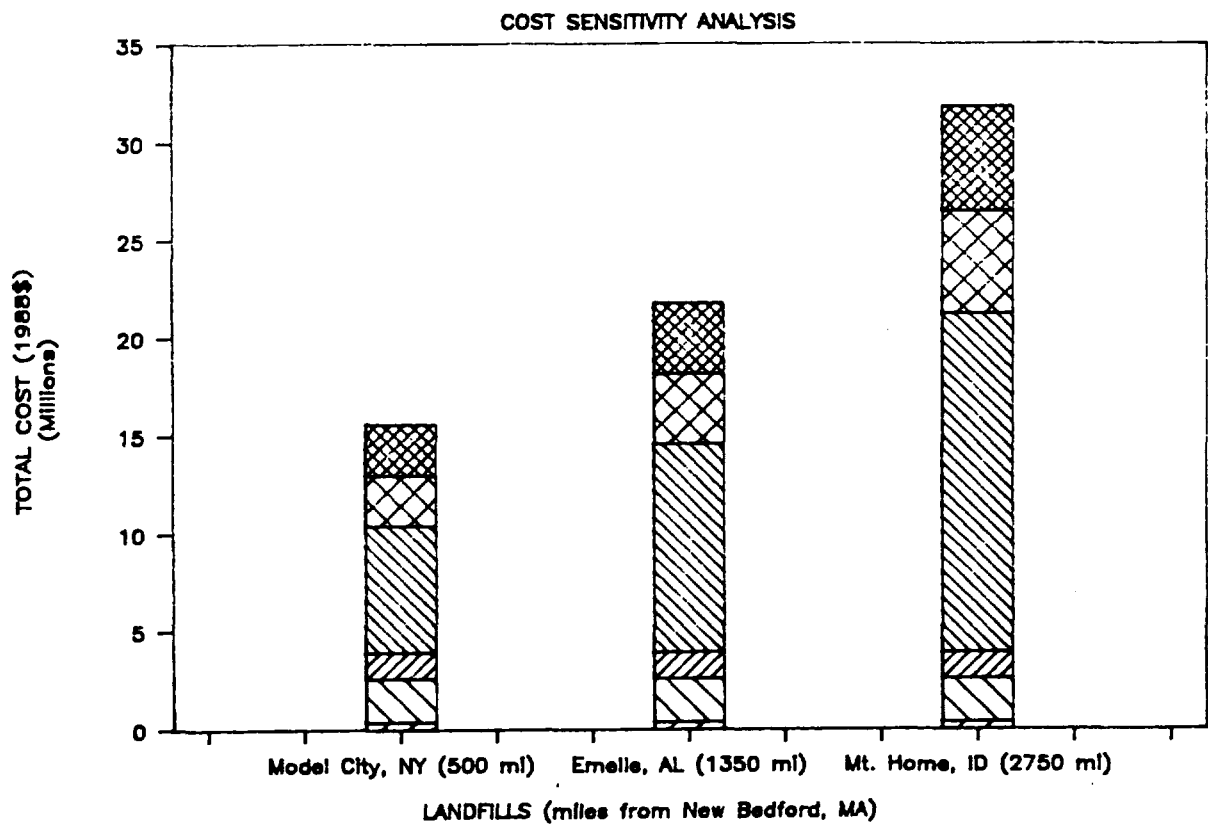
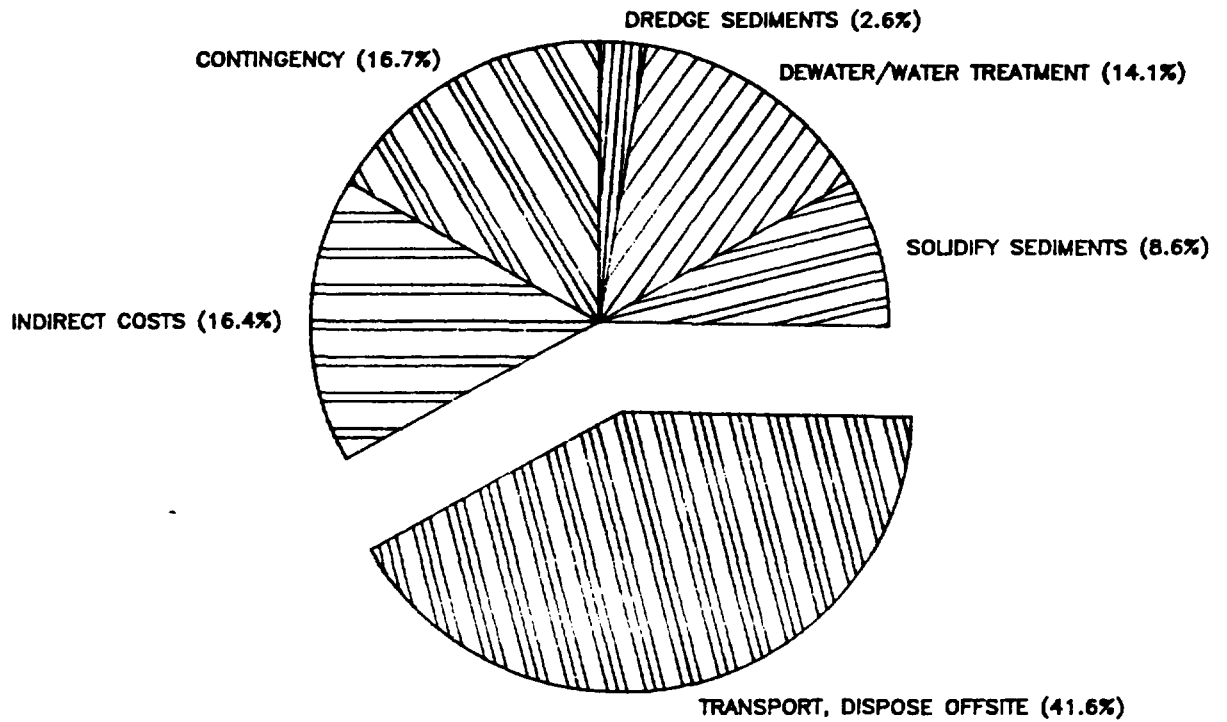


FIGURE 7-7
ALTERNATIVE HS-3
PROCESS FLOW DIAGRAM
NEW BEDFORD HARBOR FS

FIGURE 7-8
ALTERNATIVE HS-3: OFFSITE DISPOSAL

TOTAL COST: \$15,618,000



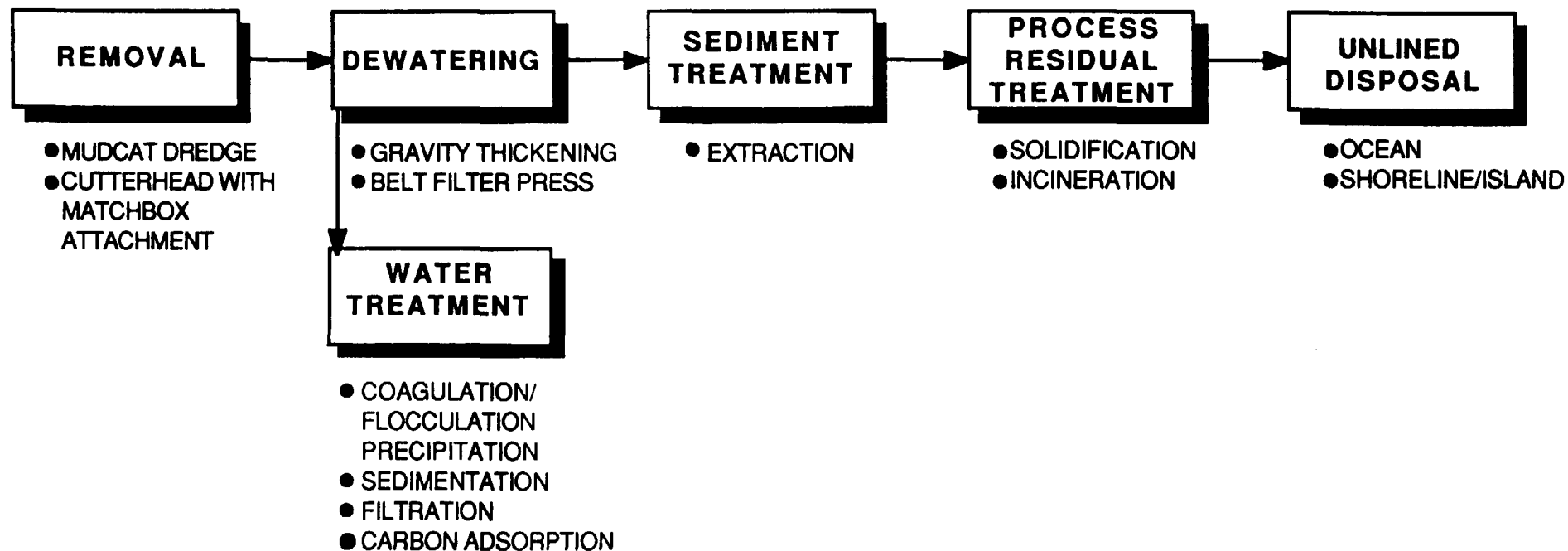


FIGURE 7-9
ALTERNATIVE HS-4
NEW BEDFORD HARBOR FS



DARTMOUTH

CLARKS COVE

CONRAIL YARD

- SEDIMENT DEWATERING
- SOLVENT EXTRACTION
- TREATMENT OF PROCESS WATER

LEGEND

- HYDRAULIC PIPELINE
- ◆ BOOSTER PUMP
- SEDIMENT PCB CONC > 4000 ppm

0 2000 4000 FEET

ACUSHNET RIVER

DREDGING OF
HOT SPOT
SEDIMENT

FIGURE 7-10
ALTERNATIVE HS-4
FACILITIES LOCATION MAP
NEW BEDFORD HARBOR, FS
NEW BEDFORD, MASSACHUSETTS

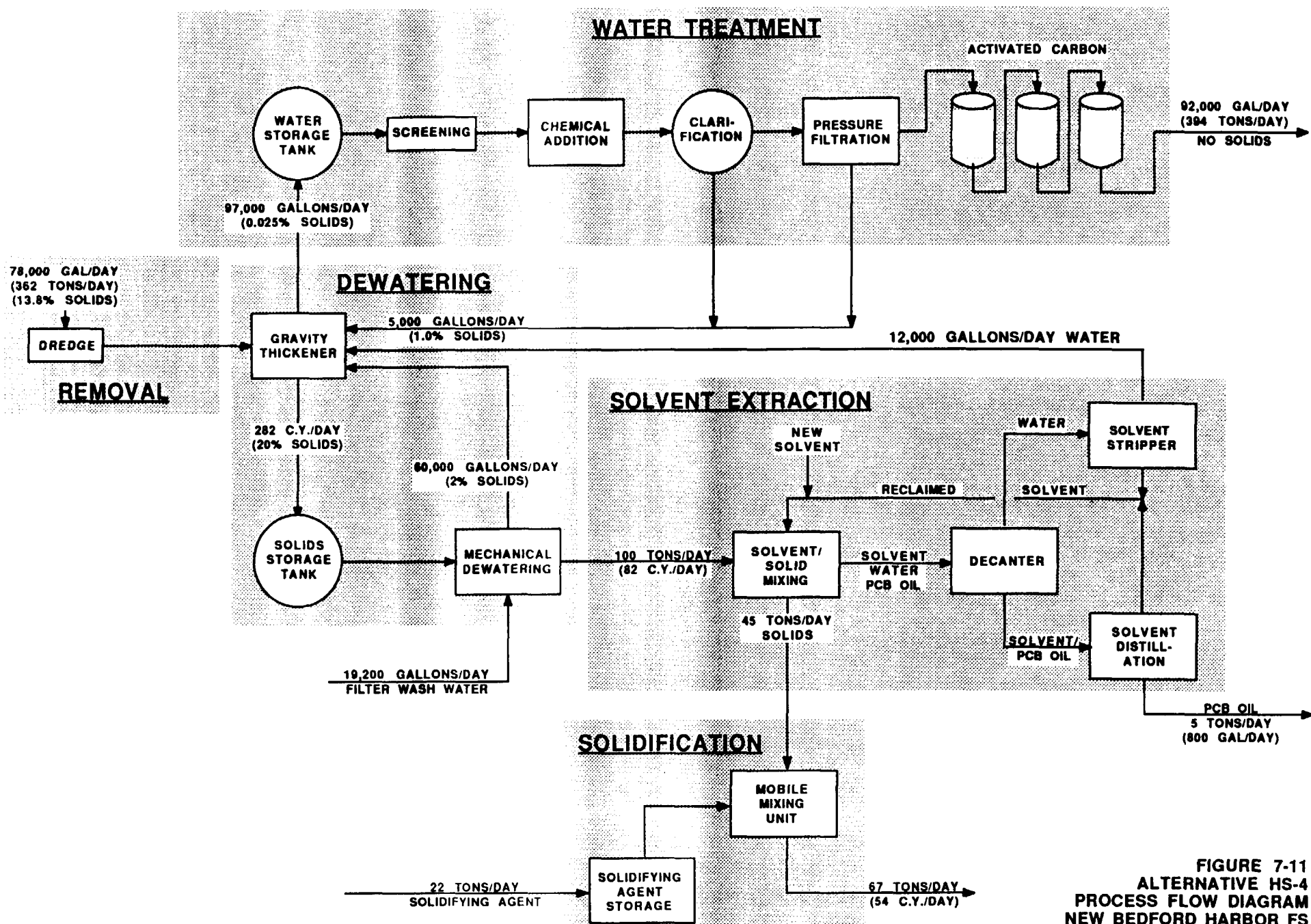


FIGURE 7-11
ALTERNATIVE HS-4
PROCESS FLOW DIAGRAM
NEW BEDFORD HARBOR FS

FIGURE 7-12
ALTERNATIVE HS-4: SOLVENT EXTRACTION

TOTAL COST: \$12,426,000

